

ABSTRACT OF THE DISCLOSURE

The muffler comprises a tubular shell which is internally lined with a noise-deadening material and is closed at its ends by a front wall provided with an inlet connectable to receive exhaust gas, and by a rear wall. A first chamber and a second chamber, which are separated by a transverse wall having an inlet opening and an outlet opening, are defined within the tubular shell. A perforated inlet pipe extends within first chamber from the inlet to the inlet opening. Gas-piping elements extend within the first chamber and have one end open to the outlet opening, and another end connectable to the exhaust pipes. The inlet opening and the outlet opening are substantially equal in diameter to the inlet pipe, and are interconnected via a toroidal duct that is arranged within the second chamber and is substantially equal in diameter to the inlet pipe.